HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

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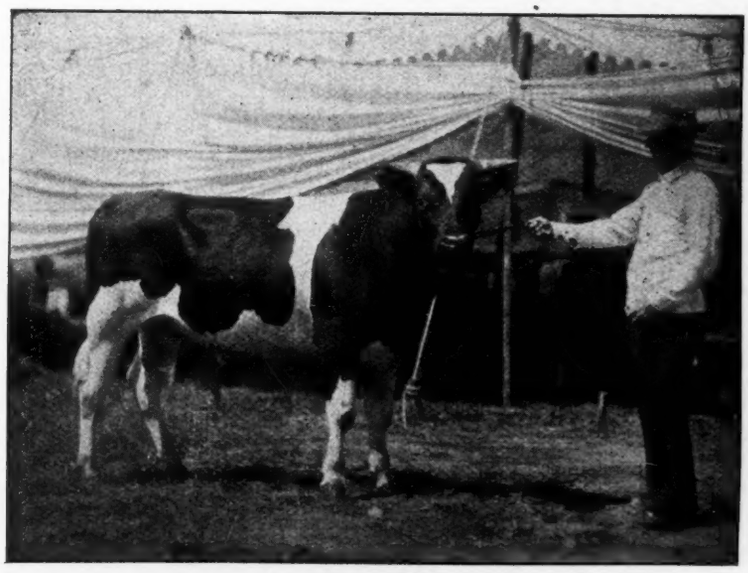

FAIRVIEW PONTIAC BEETS KORNDYKE 94943

Sire—Pontiac Korndyke, 177 A. R. S. Sire of twelve thirty pound A. R. O. daughters. Dam—Fairview Beets Korndyke 9568 A. R. O. Milk 531.00, butter 27.02 in seven days. By Pontiac Korndyke 177 A. R. S. Born Feb. 10,1912. Forest City Fair, Cleveland—Prize winner, class 543—Bull 1 year old and under 2. Owned by A. R. & G. B. Warner, The Wellington Stock Farm, Wellington, Ohio.

Want Ad Column

$1.00 per insertion. Send price with advertising copy.

WANTED—Reliable, industrious, unmarried man, who understands care of thoroughbred cattle and general farming. (19)

F. A. TINKER, Herkimer, N. Y.

In writing advertisers mention the WORLD

WANTED—A place as superintendent of a dairy farm or herdsman by a practical, up-to-date farmer and dairyman. Experienced in breeding and care of young stock and in making A. R. O. records. American, married, middle-aged, small family, best of references from last employer and others. W. J. L. care H.-F. World.

FOR SALE

A 25-lb. bull ready for service, also a bull calf from a 20.336-lb. dam and one from a 17.5-lb. junior two-year-old heifer, and others with world's record blood on both sides. Address,

RELIANCE STOCK FARM,

W. H. Ascott, Prop. Sparta, Wis.

KING SEGIS CHAMPION 71546

World's record average first prize winner. Greatest breeding and individuality. Service fee $200. Send for plate and pedigree. Choice stock always for sale.

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HILLSIDE STOCK FARM

offer for sale two well bred bull calves born Feb. 14th and March 23, 1913, mostly white—will sell at a bargain. Also eight young cows 2 and 3 years old, bred along the best lines of the breed Write for prices or come and see them.

STANTON OSTERHOUT

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BELLEHOLM FARM

Offers bull born Feb. 1, 1913. A fine individual, two-thirds white. Dam and sire's dam average 27.96 lbs. butter in 7 days. World's records on both sides. Price $100.

HAROLD F. HUBBS, Kirkville, N. Y.

In writing advertisers mention the WORLD

Alfalfa Hay

COLORADO IRRIGATED.

We ship only high-class hay.

GEO. R. WILSON, Lamar, Colorado.

In writing advertisers mention the WORLD

ISLAND HOME FARM

Offers grandsons of Pontiac Korndyke, by Sir Beets Korndyke 91212. His dam Fairview Beets Korndyke has a record of 27.02 at 4 years. She is a sister to Pontiac Lady Korndyke 38.08. Bulls are nicely marked and out of well bred A. R. O. cows. For further information write W. B. Dodds & Son, No. Hero, Vt.

In writing advertisers mention the WORLD.

MAPLE GROVE STOCK FARM

Breeders of Holstein-Friesian cattle, Percheron Horses and Berkshire Hogs. Young bull calves for sale, sired by our herd sires, King Pontiac Jupiter and Star Farm Mercedes Elgin Cornucopia. Also stallion colts, sired by Sultan 40012 A., son of the great Napoleon 16921. (tf)

C. JONES, Prop., Centerville, Pa. R. 92. F. Jones, Mgr.

MAPLE RIDGE HERD

has for sale at reasonable prices, a few bull calves sired by Maple Ridge King Pontiac, No. 64330, a brother of the new world's record cow. These calves are nearly all from A. R. O. dams, and will be priced right. Write for pedigree and prices to

C. H. FITCH & SONS, - - Burlington Flats, N. Y.

JENNINGSHURST STOCK FARM

Towanda, Pa.

Home of **RAG APPLE KORNDYKE** the greatest son of Pontiac Korndyke, offers a few choice bull calves.

W. W. JENNINGS, Towanda, Pa.

POLLED HOLSTEIN-FRIESIANS

The only herd of naturally hornless, pure bred Holstein-Friesians in the World. Registered in the Herd Books of the Holstein-Friesian Association of America. Headed by the only naturally polled Holstein-Friesian bull ever sold in a public sale—*Pietertje Ormsby Segis Burke No.* 88771—bought at the mid-winter sale at Syracuse, N. J., January, 1912. All of this bull's calves to date, eight in number, have been naturally hornless. Polled Holstein-Friesians were first recognized in Vol. ,3 Bulls, Page 28, March, 18887, and admitted to registration.

A March bull calf sired by my bull, Pietje Ormsby Segis Burke, out of a granddaughter of Hengerveld De Kol, with an A. R. O. record at 3 years of 18.78 lbs. Price at any time before September 1st, $150.00. One other calf, A. R. O. dam at 3 years of 17.07 lbs., $100.00. Do not saw, cut or burn the horns off, breed them off.

GEO. E. STEVENSON & SONS, Waverly, Penna.

SAINT LAWRENCE VALLEY FARMS

Constable, N, Y.

Herd sires—Prince Segis Korndyke 7th. Sire, Prince Segis Korndyke. Dam, Duchess Hengerveld, 24.90 butter 7 days at 4 years. Sir Korndyke Manor De Kol. Sire, Pontiac Korndyke. Dam, Fairview Manor Korndyke, 27.82 butter 7 days at 3 years, average % fat 4.49. Bull calves from A. R. O. dams for sale. (tf)

R. C. WILSON & SON, Proprs.

THE BLOOMINGDALE HERD SIRES

Johanna Rue 3d's Lad, Hengerveld De Kol, and King Fayne Segis form a splendid succession of sires. Our herd consists almost entirely of their descendents.

At present we have in service:

Prince Hengerveld Fayne, No. 77461.

He was by King Fayne Segis and from Princess Hengerveld De Kol, (33.61 lbs.), who was by Hengerveld De Kol and from a 23-lb. daughter of Johanna Rue 3d's Lad. The records of his dam and sire's dam average 34.59 lb.

Beauty Walker Pietertje Prince, No. 7421.

His sire was from a 32-lb. cow and by the best son of Beauty Pietertje (30.51 lb.), the best daughter of the foundation cow, Prilly.

His dam, Marion Walker Pietertje (31.63 lb.), is the only 30-lb. cow in the world whose dam and both granddams are all 30-lb. cows.

His six nearest dams (all 30-lb. cows) have records averaging 31.65 lb.

In the past the Bloomingdale Sires have made good. We are content to base our future reputation on our present sires.

If you want to breed the money-making kind, secure a bull bred in the Bloomingdale lines.

Jacob Reger, Supt. Address A. A. CORTELYOU, Prop.

Belle Mead, N. J. Somerville, N. J.

MADISON LAKE STOCK FARM offers bull calves sired by Prince Korndyke Pontiac No. 94632, a son of Pontiac Korndyke and Pontiac Korndyke Maid, 33.76 lbs. butter in 7 days. Dams of calves are well bred A. R. O. cows and heifers, calves three-quarters white, eight to ten weeks old. Sure to please. Price $75 to $125.

J. L. PHELPS, Solsville, N. Y.

SELL YOUR SURPLUS STOCK

through a classified ad in the Ithaca Daily News (10 to 16 pages). One cent a word for one insertion; two cents a word for three insertions; three cents a word for six insertions. Minimum charge 25 cents. We cover a rich farming community.

ITHACA DAILY NEWS, ITHACA, N. Y.

Holstein-Friesian World

Vol. X ITHACA, N. Y., SEPTEMBER 13, 1913. No. 37

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INKA.

(By M. S. Prescott.)

It is unfortunate that more complete data was not kept concerning the ancestry of the first animals imported from Holland. The purity of the breeding is unquestioned but the fact of the matter is that in most instances no record was kept of the ancestors remaining in Holland. This brings us up against a solid wall. We can go back no further in tracing out the pedigrees of American bred animals. It thus happens that we know nothing concerning the antecedents of the subject of this sketch.

The Holstein-Friesian Herd Book records the following facts: No. 334, Inka, calved spring of 1876, bred in Leeuwarden, Friesland. Imported May 1877, by John H. Comer, Moodna, N. Y., the property of Stevens & Pruyne, Lacona, N. Y. This scarcity of information effectually prevents us from discovering any collateral branch which may have attained prominence.

The main considerations, however, is what has been accomplished by the cow herself and by her descendants.

The records of Inka were made under the old Advanced Registry system, and were well authenticated. In seven days she produced 20 lb. 2 oz. of butter. In seven motnhs she is credited with 14,046 lb. of milk, which record stood for some time as the largest ever made. Although these records are only ordinary in comparison with our present day yields, it is no less a fact that Inka was an extraordinary producer. Her owner, the late Henry Stevens, has been quoted as stating unreservedly that she practically paid for the Brookside Farm.

Following are the records (A. R. P.) of her daughters:

Inka 4th, milk 1 year, 20,649 lb. 12 oz.; butter 7 days 19 1-8; milk 1 day 85.

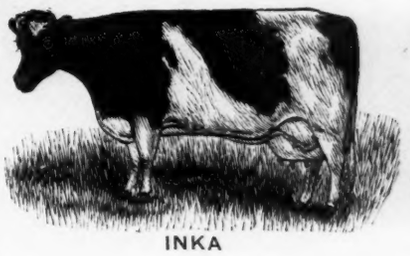
Inka 2d, milk 1 year 17,345 lb. 1 oz.; butter 7 days 18 1-2; milk 1 day 82.

Inka 7th (4 yr.) butter 7 days 20; milk 1 day 68.

Inka 6th (3 yr.) butter 7 days 20 5-8; milk 1 day 72.

Inka 6th (4 yr.) milk 1 year 15,109 (9 mo.)

Inka 6th (5 yr.) milk 1 day 89 3-4.
Inka 5th (4 yr.) butter 7 days 18 1-2.



INKA

Inka 5th (3 yr.) milk 1 year 11,184 (9 mo.), milk 1 day 68.

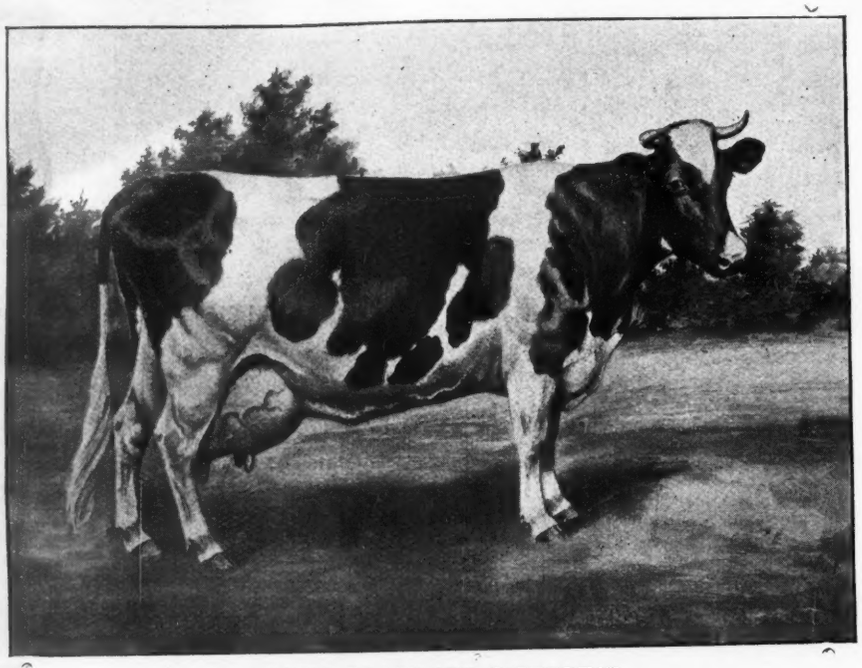
Four sons of Inka have produced A. R. O. daughters, viz: Inka's Pietertje Duke, Inka's Pietertje Netherland, Inka's Pietertje King and Inka's Duke. One of these Inka's Pietertje Duke has the best list of A. R. O. daughters, his thirteen including:

Leila Pietertje	27.31
Aaggie Witkop Inka	24.79
Beauty of Ninon's Pietertje	24.20

3 others above 20 lb.

Inka's Pietertje Netherland has twelve A. R. O. daughters, two of the number having 20-lb. records. Only two daughters of Inka's Pietertje King have been tested. One of these is May Rosa (20.22 lb. at 14 years), who formerly held the world's 7-day milk record for a cow of her age. This remarkable cow is in the select list of cows having seven A. R. O. daughters. One of

INKA DARKNESS' DAUGHTER



AAGGIE GRACE 2D'S PIETERTJE

Butter 23.51 lbs.; milk 654.10. 4 A. R. O. daughters, two with records of 21 and 24 lbs. respectfully. 4 A. R. O. sons. Owned and bred by A. W. Brown, West Winfield, N. Y. A descendent of Inka, through Inka 2d, Inka Darkness, Inka Princess and Inka Princess Pietertje Netherland.

the seven is a 24-lb. senior 2-year-old.

Good as is the work of her sons, many of the best descendants of Inka trace to her through her daughters. One of the best of these is Inka Princess, whose dam was a daughter of Inka 2d. Dropping her first calf at twenty-three months, Inka Princess made the following records:

Milk 1 day	64 lb. 14 oz.
Milk 1 year	16,132 lb. 4 oz.
Butter 7 days	15 lb. 10 oz.

(8 months after calving.)

The last two stood as world's records for some time. Inka Princess has proven her worth through four splendid sons—Inka Princess' Pietertje Netherland, Inka Princess' Pietertje Pledge, Inka Princess' Canada Prince and Sir Inka Pietertje. The daughters of these sires include:

Lady Princess Beets, 4½ yr.	30.88
Segis Inka	28.04
Midland Plum, 3 yr.	27.53
Pietertje Pledge Princess	26.58
Copia Hengerveld 2d's Princess	25.77
Prilly Princess	25.16
Topsy Barber	25.08

The 30-lb. cow in the above list, Lady Princess Beets, has a double combination of the blood of Inka, as her dam was by Inka's Pietertje Netherland.

Lillian Walker (24.04 lb.), the foundation cow of the Walker family, is another granddaughter of Inka's Pietertje Netherland, that has added lustre to the family.

Inka 5th's Pietertje is a son of Inka 5th. He has one 20-lb. 12-year-old daughter, and is grandsire of:

Sethje Golden Nannette	30.75
Ida De Kol Pauline	30.64

Many other great record cows trace to Inka more or less remotely. One of these is Inka Princess Mutual De Kol, with records of 33.25 lbs. butter, 711.9 lb. milk in seven days; 128.73 lb. butter, 3,145.3 lb. milk in 30 days. Her dam is a granddaughter of Inka Princess' Pietertje Netherland. Inka Princess' Pietertje Pledge is grandsire of three 30-lb. cows, King Segis traces back through his granddam, Segis Inka.

It will thus be seen that the Inka family can lay claim to at least a part of the credit for producing a goodly number of the breed's most illustrious representatives.

LILLIAN WALKER 38944

Bred by A. F. Cole, Morrisville Sta., N. Y. Owned by H. A. Moyer, Syracuse, N. Y Foundation cow of the Walker family. She is a great granddaughter of Inka through Ink's Pietertje Netherland.

A SATISFIED CUSTOMER.

Three years ago W. C. Case of Kennedy, N. Y., purchased four cows and a bull at a sale in Syracuse. Last January Mr. Case purchased from Quentin McAdam, of Utica, N. Y., a young bull sired by King Segis De Kol Korndyke.

That a satisfied customer is the best advertisement is proven by the fact that Frank Wheelock of the same place was led to make inquiry to Mr. McAdam for a sire to place at the head of his herd.

Mr. Wheelock's good judgment has been shown in his selection of a son of this same promising young sire.

That King Segis De Kol Korndyke bids fair to become one of the great sires of the breed is evidenced by the fact that he already has three 2-year-old heifers whose records average 19 lbs. of butter for 7 days and four other heifers whose records with first calf range from 13 to 15 lbs.

King Segis De Kol Korndyke was sired by King Segis and from the world's record cow, Pontiac Clothilde De Kol 2d, who was the first 37-lb. cow of the breed and in addition to that honor had the distinction of being the first cow to produce over a half ton of butter in one year.

J. B. BAIN.

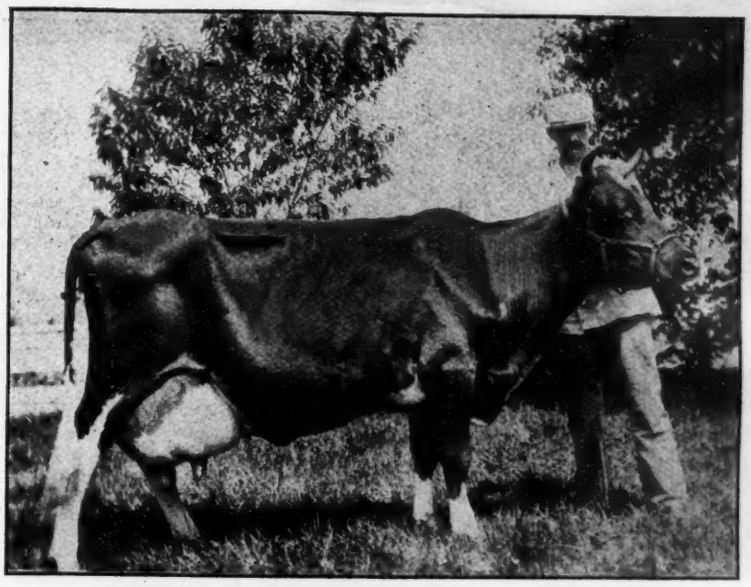
THE NATIONAL DIARY SHOW, CHICAGO, OCT. 23 TO NOV. 1, 1913.

This show is founded to improve the dairy industry in all its ramifications; the cattle, the handling and marketing of the dairy products. Its aim is to be the highest exponent of all that pertains to dairying, and by no means the least of its objects is the creation of an environment helpful to the people engaged in the industry. As is the culture of the fields and herds in any community, so also is the culture of the men and women by whom it is bestowed.

The dairy industry in the United States, according to the last census, was second in farm activities, aggregating in excess of one billion dollars. With an area of agricultural territory capable of producing sustenance for twice the present population of our country, we sent over nine million dallars in gold to foreign countries in the last fiscal year for dairy products, which ought to have been produced here. With this demand in excess of supply, and our population averaging a yearly increase of three million people for the past five years, it would seem not only safe but wise to make investment in an industry so invitng.

This show embraces all that is best in the dairy cattle world, as also all that is best in dairy machinery, and gives educational advantages on modern achievements of professional men and commercial methods of handling, marketing and preparing for human food the great life-giving fluid, milk. All branches of the industry are thus collected together for the reason that farmers, as one-third of the social world, furnishing food and raw material for the other two-thirds, and receiving in return the comforts, instruction and pleasures of life, should be put into the closest, most harmonious ministrations possible to the mechanical, commercial and professional phases of their industry, while the other two-thirds of our population may receive a liberal education on methods and labor employed to furnish their daily food supply.

In an immense country like ours, changes will of necessity constantly take place. The changes that have taken place on the vast domains in our western country, without provision for production during transition from range to farm, leave us today in the position of not producing sufficient to feed ourselves, making us heavy importers of dairy products, foodstuffs and meats. This, however, is merely incident to the passing from the era of brawn to that of brain, which will be the potent factor in all of our agricultural plans for the future. To conserve our marvelous resources and put them to proper use is the chief requirement and this show will spread the light for the dairy industry.



SEGIS INKA

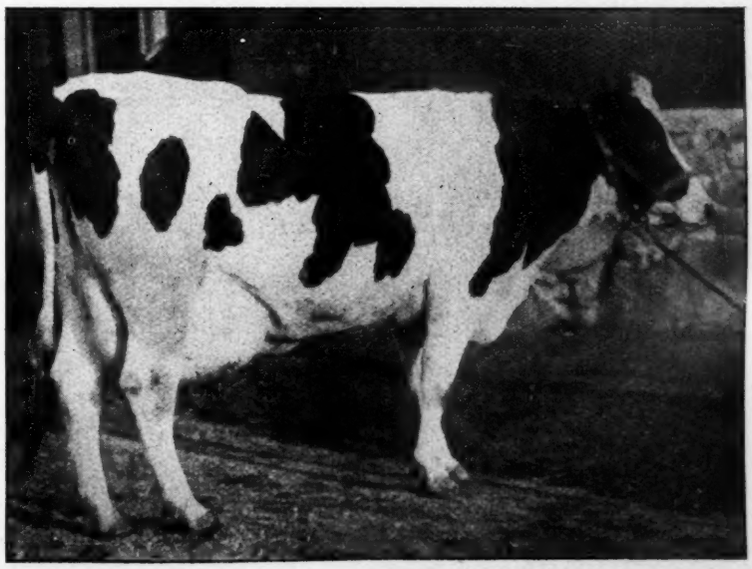
Butter in 7 days 28.04 lbs.; 30 days 104.48. 5 A. R. O. daughters, three with records ranging from 26 lbs. at 2½ years to 29.6 lbs. 2 A. R. O. sons. A daughter of Inka Princess Pietertje Netherland.

HARMFUL SUBSTANCES RARE IN MILK.

[The Creamery and Milk Plant Monthly for July contains the following:]

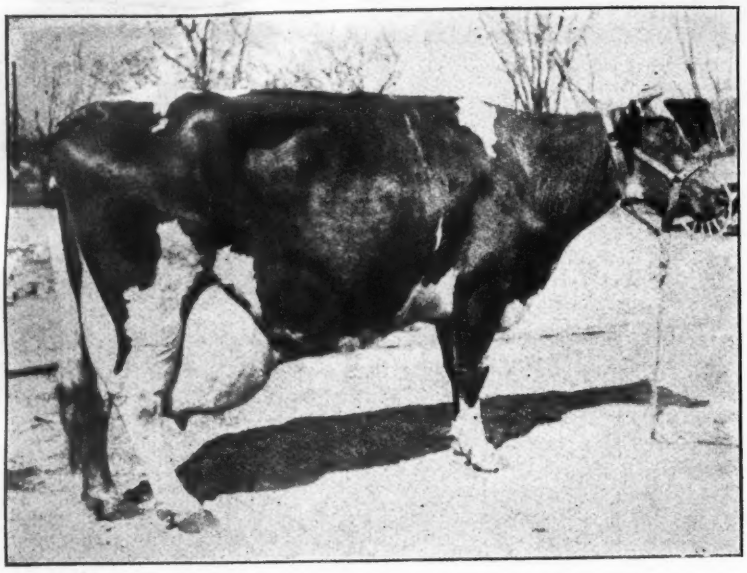
"Is exaggeration better than the truth?" That question was asked years ago by Prof. Atwater, who made the experiments on the food value of alcohol which are recognized as classical by the scientific world, and who was berated by zealous temperance advocates for publishing the results of his researches.

The question may be repeated today with regard to the attitude of many of our sanitarians and health officials on the milk question. They create a veritable bacteriphobia among the people. They fill the minds of the people with apprehension, so that many sit down to their meals with minds burdened with care



LADY PRINCESS BEETS 83340

Butter at 4½ years, 30.88 lbs. One 18-lb. two-year-old daughter. A daughter of Inka Princess Canada Prince, a great grandson of Inka through Inka 2d and Inka Princess. Owned by F. F. Field Holstein Co., Brockton, Mass.



AAGGIE LILY'S PIETERTJE NETHERLAND
A daughter of Inka Princess Pietertje Netherland. (Photo by E. M. Hastings).

and uneasiness, while at the same time we are told by the physiological chemists that one of the chief elements of wholesome living is to make a pleasure of eating.

In these conditions one feels like drawing a deep breath of relief when a noted scientist and sanitarian calls a halt to the tendency towards exaggeration so common among our health officials, and to the unwarranted generalizations which they draw from laboratory experiments. In an article on "The Fallacy of Testing Food Materials by Animal Inoculation," Prof. W. T. Sedgwick, the famous biologist of the Massachusetts Institute of Technology, which appeared in the Journal of the American Medical Association, there is found the following passage:

As for any bad effects on health of the ordinary foodstuffs used from the time immemorial by mankind, very little was heard until about 1890, and a careful investigation will show that the evidence of such bad effects accumulated since that time is mostly inconclusive and unsatisfactory. It seems likely that the evolution in the human race of the habit of discriminating among raw foods, and using chiefly certain materials, such as certain meats, fish, eggs, fruits, nuts, etc., while avoiding others, has arisen as the result of long and hard experience—experience being only another name for long-continued individual or racial experimenting.

Panum (1856), Selmi (1878) and afterward Brieger (1890) appear to be chiefly responsible for the popular belief that "ptomains" are common in spoiled foods, but both investigation and experience since their day have weakened rather than strengthened the idea of dangers of such poisoning. In point of fact, the whole subject of ptomain poising and of food poisoning in general stands today in great need of re-examination, and until the results of this are forthcoming we are justified in speaking and writing of either with the utmost reserve. When, remembering the enormous quantities of partially decomposed meats, eggs, fish, shell-fish, milk, fruits and vegetables eaten every day either raw, cooked, or half cooked, not only without apparent injury, but with positive relish and advantage, we think at the same time of the infrequency of ptomain poisoning proved or even alleged—when, for example, we think of the immense amounts of fermented or partially decomposed milk, buttermilk, ice cream, meat, fish, game, cheese, sauerkraut, and the like, constantly consumed without inconvenience of any kind and with positive benefit, it is easy to see how extremely rare must be the occurrence of harmful substances in harmful quantities, at least during the earlier stages of decomposition or decay of ordinary food materials.

We all know that pefcetly fresh meat is not palatable and probably not so digestible, as after some ripening. What is this ripening but partial decay by bacterial action? What is butter or cheese but milk decomposed by certain bacteria? What is wine but the juice of the grape partially decomposed by certain yeasts? What is bread but flour partly broken down by yeast? One might go through a long list of foods and relishes in the same way. In fact, some of the most important properties of foods, the flavors are for the most part the result of the decomposing action of microorganisms. And the baffling part of the matter is that these flavors are present in such minute quantities and such elusive condition that they are scarcely capable of being caught by chemical analysis.

In these matters, food chemistry has accomplished comparatively little, and we are still compelled, in judging quality, to fall back largely upon our sense of taste and smell. In some cases, decomposed food is hailed as an intestinal disinfectant

AAGGIE WITKOP INKA DE KOL
Butter in 7 days, 25.69; 30 days 103.16. Her dam is a granddaughter of Inka. (Photo by E. M. Hastings).

and promoter of longevity, as Metchnikoff's sour milk. And the bacteria which perform this useful work come largely from that filth which we are now seeking to exclude entirely from milk and other foods.

In a report by Burri, of the Swiss Dairy Institute, published in the June issue of the Creamery and Milk Plant Monthly, the statement occurs that "the question might arise if the efforts in this direction (clean milk) should not be limited with respect to milk destined for cheese making, with due regard to the normal fermentation produced by microorganisms."

Prof. Sedgwick says:

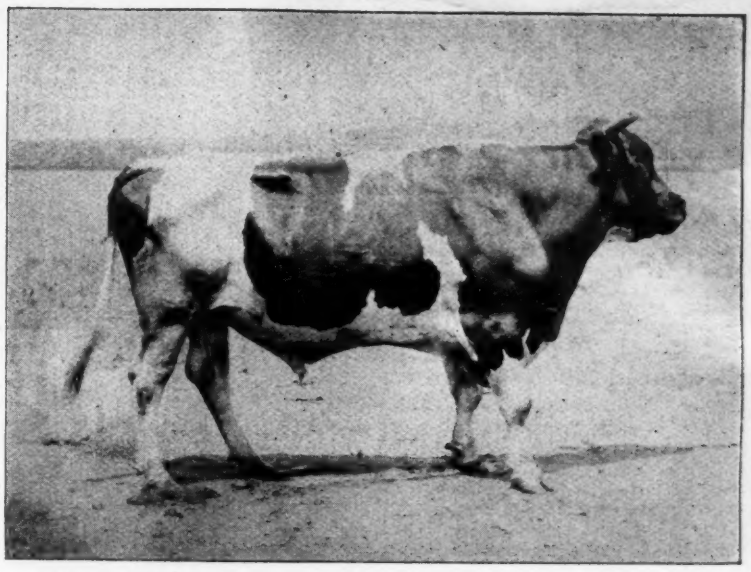
The body of the higher animals, as every one knows, is not a solid mass completely enclosed by the skin, but a semi-solid bundle of tissues tunnelled by a long and folded tube, the alimentary canal or food tube. This tube possesses its own special walls, expressly adapted for preventing raw food and other foreign substances from entering the real body—which lies between the food tube and the skin—until such substances have been digested and made ready for absorption. Within this tube, food, whether raw or cooked, is chemically treated until some of its components—but only some—are admitted into the body proper, the remainder being held in the tube, moved onward and eventually cast out.

Are not our sanitarians "throwing out the child with the bath," as a drastic German saying puts it, when they seek to bring all market milk to the standard required for infants? Would it not be possible to make the milk for infants cheaper and bring it within the reach of more people if the production of ordinary market milk were not subjected to so many requirements as to increase its cost all along the line?

Field Notes.

Someone recently sent us a cut of King Hengerveld De Kol. We cannot now recall by whom this cut was forwarded. Will the owner kindly confer with the editor concerning it?

The next National Corn Exposition will be held in the State Fair buildings, Dallas, Texas, Feb. 10-24, 1914. The people of Texas have obligated themselves to make this, the sixth in the series of Corn Expositions, the greatest exposition of the kind ever held.



PRINCE INKA PIETERTJE DE KOL 2D 22699
26 A. R. O. daughters and 5 A. R. O. sons. A fifth generation descendent of Inka through Inka 2d, Inka 2d's Pietertje Princess, and Prince Inka Pietertje De Kol. Formerly owned by Geo. C. Mosher, K. C. Mo.

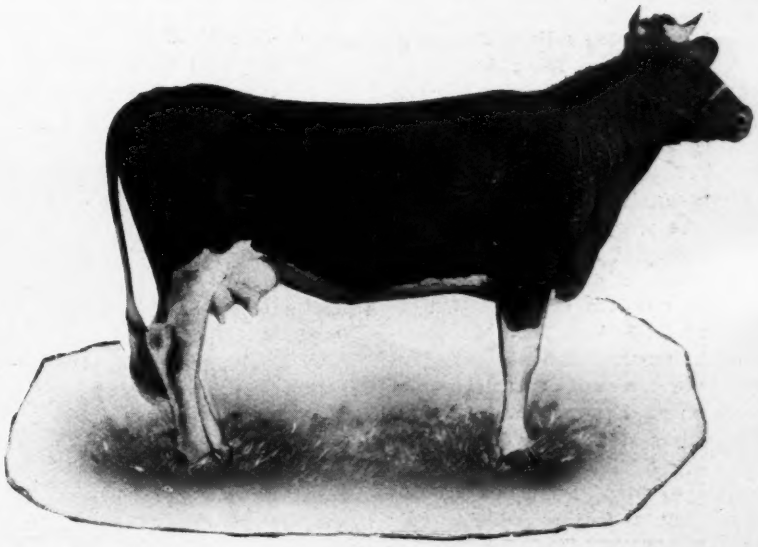
Special articles by Mr. Prescott will appear as follows: Canary Mercedes, Sept. 20; Pietertje 2d, Sept. 27 and Oct. 4. Early Private Records. Send illustrations early and with each photograph inclose $1.50 to cover cost of making cut.

Fred J. Karlen of The Blue Label Cheese Co., Winslow, Ill., writes: "I notice that in your list of 30-day records you have omitted the record of Maggrath Netherland Lady, No. 83857 one of my cows that has an official record for 30 days of 2903 lbs. of milk and 104.861 lb. of butter fat." Next!

George A. Gue, formerly of Lacona is building up a reputation as an auctioneer on the Pacific coast. At the Interstate Fair held at Spokane, Wash., he will on September 18, sell at auction 60 head pure bred Holstein-Friesians owned by A. C. Mills, Ferry, Wash., and John L. Smith, Spokane. E. M. Hastings of Lacona edited the catalogue which was printed by the Corse Press.—Sandy Creek News.

Chas. D. McCoy of Roann, Ind., writes that neighbor, C. B. Wylin, who has a grade herd has purchased a pure bred Holstein-Friesian sire to

(Continued on page 746.)



A. & G. INKA McKINLEY
29.62 lbs. in 7 days; 118.23 in 30 days (world's record when made). A descendent from Inka, through Inka 2d, Inka Darkness, Inka Princess, Inka Princess Pietertje Netherland and Segis Inka. Owned and developed by H. A. Moyer, Syracuse, N. Y.

HOLSTEIN-FRIESIAN WORLD

A weekly Journal for the Holstein-Friesian Breeder, the Dairyman and General Farmer.

Entered at the Ithaca, (N. Y.) Postoffice as second class mail matter.
Issued on alternate Saturdays from Ithaca, N. Y., and Madison, Wis.

C. G. BROWN, B. S., B. S. A.
Publisher, and editor of the Eastern Edition.

ITHACA, N. Y.

I. S. BROWN, B. S. A.,

Editor of Western Edition, Madison, Wis. Assisted by a corps of able contributors.

Subscription price, One Dollar per year in advance.

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Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

All matter for publication must reach the editor by Tuesday of the week of publication to insure appearance in current issue.

Advertising rates sent on application. Address your nearest office of publication.

Editorials

That Suggestion! Is it possible that Mr. Bain's suggestion of a Holstein-Friesian Association Loan Bureau is such a fool-idea that no one has taken it seriously? It is true that parties desirious of securing small loans with which to lay the foundations of pure-bred herds have written us regarding the prospects of such a move being made, but no one has written to commend or disparage the idea. Why this absolute silence? If it is a commendable idea why not someone open his shell and say so? If it has the ear marks of paranoisism why not so brand it at once?

The editor of the World is free to confess that the suggestion looks feasible to him, and not merely feasible but a feature which would contribute to the extension of the breed and the growth of the Association.

The Association has the surplus funds; these funds have been taken from the active capital of the breeders and deposited in banks like corpses in a burial vault. These funds are no longer active, so far as the breeders are concerned, but dead, embalmed and laid away. Why not put this capital to work, set it to doing something for the association?

There can be no question about there being plenty of young men who would be glad to lay the foundations of Holstein-Friesian herds with some of this dead surplus; and there can be no question, that every herd established helps the breed and the breeder, say nothing about the act of putting a new man on his feet and giving him a chance to earn a living and a competency.

With the fact of a first mortgage or a lien on the stock purchased, together with the control which the association can exercise over registertration and transfer of such stock, there can be no question as to the absolute guaranty of safety so far as the association funds are concerned.

It would seem that such a bureau would be in the line of the growth of the Association and the development of the breed; it would aid young breeders, and contribute to a healthy increase in the surplus itself. It would seem to be in line with good business and the spirit and effort of the times. If this is not so will someone rise right up in meeting and tell why? If our attic is full of cobwebs we would like to have someone point them out to us. The Holstein-Friesian World columns are open for a discussion of this subject, for or against. Come, let us hear from you. Why keep this Association surplus laid away wrapped in its grave cerements?

NEW ADVERTISEMENTS.

J. R. Parsons, Earlville, N. Y., offers seven good ones. See ad. for brief description.

For young stock backed by 30-lb. records on both sides, apply to S. B. Taylor, Canastota, N. Y.

See the "Want Ad." by F. A. Tinker, Herkimer, N. Y., "Reliable, industrious unmarried man," etc.

Read what Bulletin 56 of the U. S. Public Health Service says about Holstein-Friesian Cow's Milk for Infant Feeding.

Here is something like—Pontiac Hengerveld Burke 91956—The Pontiac Asylum is the point from which the great sires of the breed radiate. Buy this one and get in the game.

For a son of Sir Korndyke Pontiac Artis and Victoria De Kol Hengerveld Veeman (24.3 at 3 years), with two sisters that average above 30 lbs., write the United Breeders' Association, Wyalusing, Pa.

Observe that the Michigan Consignment Sale Co., hold their sixth annual sale at Detroit, Oct. 16, 1913. Write H. W. Norton, Sale Manager, Howell, Mich., for a catalogue, and be sure and mention the World.

Note the Auction Sale of 150 head by B. E. Totten at Farmdale, Ohio, on Tuesday, Sept. 30. You will want some of these granddaughters of King of the Pontiacs. There are a lot of other attractive offerings.

Read the advertisement on last cover page for an account of what Spring Farm King Pontiac 6th is doing. His superior breeding, individuality and extended opportunity are bound to make him a leading sire in Holstein-Friesian ranks.

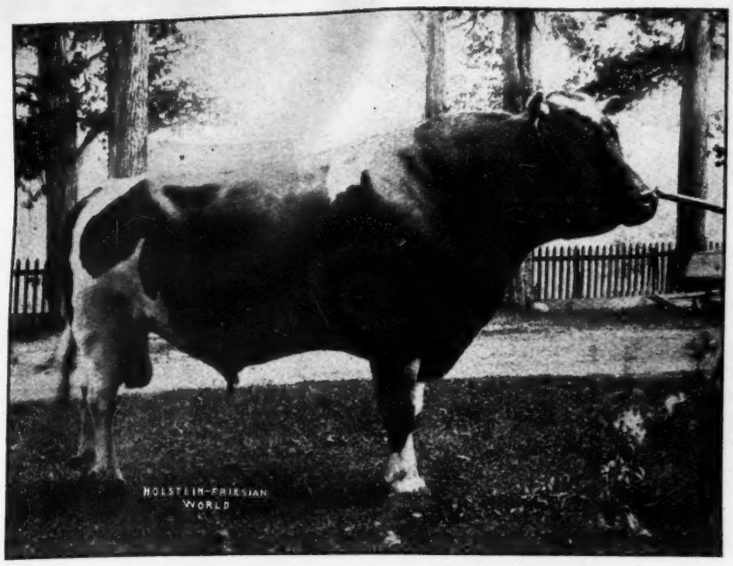
FIELD NOTES.

(Continued from page 745.)

head his herd and will probably purchase some pure bred heifers a little later. His sire is Pietertje Butter Lad of Portage 114930, a son of Neta Golden Butter Lad and Berty of Portage 3d's Pietertje. They most all come to purebreds through the grade route.

Beginning about the middle of Sept. The Agricultural Department at Washington will try the experiment of giving crop reports by telegraph. This experiment will be tried out in six states, viz: Illinois, Missouri, Minnesota, Iowa, Kansas and Texas. The service will be effected by a cooperation of the Bureau of Statistics and the Weather Bureau, the latter bureau being equipped with facilities for printing and mailing the telegraphed reports to all newspapers in the several states in a few hours. If this experiment proves a success the plan will be extended to serve the farmers of all the states.

The following meetings and conventions will be held at Chicago during the progress of the National Dairy Show, Oct. 23 to Nov. 1, 1913: The National Ice Cream Manufacturers' Association; The International Milk Dealers Association; The National Dairy Union; The International Association of Dairy and Milk Inspectors; The American Association of Creamery Butter Manufacturers; The National Creamery Managers; The Dairy Dept. Men of the State Agricultural Colleges; The American Jersey Cattle Club; The Holstein-Friesian Association of America; The American Guernsey Cattle Club; Dutch Belted Cattle Association of America.



DE KOL PAUL CORNUCOPIA KING 71071
A son of Aaggie Cornucopia Johanna Lad, Jr. Sold by D. W. Wright of Cambridge, N. Y., to Christopher Graham of Rochester, Minn., Aug. 1913.

DE KOL PAUL CORNUCOPIA KING

Cambridge, N. Y., Aug. 5, 1913.

Editor H.-F. World:

I am sending you two photographs. One is of my herd bull for the last three years, De Kol Paul Cornucopia King, No. 71071, the other is of Queen Adelin De Kol Veeman, No. 130831.

De Kol Paul Cornucopia King was recently sold to Christopher Graham of Rochester, Minn., who purchased his sire, Aaggie Cornucopia Johanna Lad, Jr., some years ago of M. S. Nye of Preble, N. Y. Like his illustrious sire, De Kol Paul Cornucopia King has never been beaten in the show ring.

I have some 20 of his daughters and a few of his young sons that are as fine as anything could be, handsomely marked and all from A. R. O. cows. The sister of De Kol Paul Cornucopia King, De Kol Paul Cornucopia, No. 110314, now owned by M. S. Nye, is one of the best heifers in the world and stands at the head of the list for one, seven and thirty days for both two and three-year-olds and for one and seven days for heifers under 24 months old. I think Mr. Graham is very fortunate in securing this bull. Mr. Boynton, his manager, writes me that the bull arrived safely and that they are more than pleased with him.

Queen Adeline De Kol Veeman, made as a senior four-year-old, 29.09 lbs. of butter in seven days from 623.6 lbs. of milk; 116.57 lbs. of butter from 2514 lbs. of milk in 30 days. Her per cent of fat for the seven and thirty days only varied slightly from her average which was 3.71. Her dam has a seven-day record of 25.26 lbs. butter and 4 per cent fat. When we get Holstein-Friesian cows that test 5 and 6 per cent fat it is too high and a reduction in the quantity of milk is bound to result.

I think the Holstein-Friesian World one of the best papers for pushing the breed that we have.

Respectfully,
D. W. WRIGHT.

QUEEN ADELINE DE KOL VEEMAN 130831
29.09 lbs. butter, 623.6 lbs. milk in 7 days; 116.57 lbs. butter, 2,514 lbs. milk in 30 days. Fat 3.71 per cent. Owned by D. W. Wright, Cambridge, N. Y.

THE HOLSTEIN-FRIESIAN YEAR BOOK.

In taking over the Holstein-Friesian Year Book (Blue Book), our Association has adopted a policy, the financial success or failure of which depends wholly upon the indiivdual members of the Association. The first copy of any book bears the great bulk of the cost, the charges against the succeeding copies being only for the paper, press work and binding; so the final cost per copy depends entirely upon the number of books sold. In placing the subscription fee at one dollar to members of the Association and two dollars to non-members, the Board of Officers assumed that there would be so large a demand for the book that enough copies would be subscribed for to warrant the very low price.

If Holstein-Friesian breeders only knew what an invaluable book is thus offered to them at a merely nominal price, there could be no doubt of the great demand; the trouble is to impress upon them the advantages of possessing such a book. Of course, every breeder who has been a subscriber for the Blue Book in the past will be a subscriber for this year's book; but we want three times that number of subscribers. As members of the Association the book is now your own book; and I ask all who know what the Blue Book is to aid me in popularizing this book by first sending in their own subscriptions, and then calling the attention of breeder friends to its merits. The Blue Book Committee has done its part, as has your Board of Officers and have I as Superintendent of A. R. Now it is up to you as breeders to assist. Will you help me?

M. H. GARNER,
Supt. A. R.

I am very much pleased with your paper.—L. J. S. Wright, Genoa, N. Y.

FINDERNE STOCK FARMS

Home of World's Champion Cows---Records for 1912

Valdessa Scott 2d is the first cow in the world that ever made over 40 lbs. butter in 7 days. She broke both the 7 and 30-day world's records by big margins. Her official records are, 41.875 lbs. butter from 695.1 lbs. milk, 4.84% fat. No cow living or dead, ever made within a half-pound of butter per day of this record. Her 30-day record is 164.27 lbs. butter from 2933.9 lbs. milk, 4.48% fat.

Name.	Butter	Milk	% fat	Days	Butter	Milk	% fat	Days
Finderne Pietertje Johanna	35.103	637.9	4.40	7 (Jr. 3-yr)	141.90	2725.9	4.16	30
Wachusett May, 4 yr., 4 mo.	34.08	621.5	4.37	7	134.46	2689.5	3.99	30
					257.80	2536.5	3.94	60
Pauline Alexis, 10 yr. old	32.155	635.5	4.07	7	128.22	2629.8	3.99	30
					237.43	5235.0	3.63	60
Finderne Pride Johanna Rue,	31.16	607.6	4.09	7 (Jr. 3-yr)	121.45	2535.4	3.83	30
Finderne Pontiac Netherland	28.26	567.5	3.98	7 (Jr. 2-yr.)	110.72	2329.4	3.80	30
Finderne Wayne Pontiac	25.69	462.6	4.42	7 (Jr. 2-yr.)	98.41	1959.6	3.99	30
Valdessa Ormsby	24.29	499.3	3.91	7 (3 years)	97.19	2018.9	3.87	30
Valdessa Ormsoy De Kol	23.71	455.8	4.17	7 Jr. 2 year)	92.19	1848.9	3.99	30

There are also many more cows here that have made very fine records.

We have a few bulls from high record cows for sale. For prices and pedigrees, address,

Bernhard Meyer, **Finderne, Somerset Co., N. J.**

BRED IN THE PURPLE

Brookside Herd never had a Better Bred lot of Young Bulls on hand

Sons of King of the Pontiacs from good cows. Sons of King Segis Pontiac and King Korndyke Hengerveld Ormsby from daughters of King of the Pontiacs. Superintendent Gardner's reports show no superior to these blood lines. Why go farther—and fare worse? You know what the Brookside bred sires have done in the past.

STEVENS BROTHERS CO. **Liverpool, New York**

THE GREENWOOD HERD

Has young bulls to offer, sired by King Lyons Spofford, 3 of his nearest dams averaging 31.9 lbs. butter in 7 days, and King Lunde Pontiac Korndyke. He is a brother to K. P. Manor Kate and his dam, Lunde Korndyke produced 26192.7 lbs. milk and 1090.91 lbs. butter in 1 year in semi-official test. This great cow produced in her official test 10191 lbs. milk in 100 days. Her sire is a son of Korndyke Queen De Kol, sister to Pontiac Korndyke.

These young bulls are backed by the greatest blood lines of the breed, which include 26 of the 30-lb. records. They are choice specimens of the breed, one of which has 10 of his nearest dams that average 28.28 lbs. butter in 7 days, with his dam at 24.01 at 3 years, 8 days. We are looking for a much higher record as a four-year-old the last of March.

If interested in high class young cows or bulls write for pedigree to

E. H. Knapp & Son,

FABIUS, ***New York***

P. S.—Of the first 15 calves from our herd by King Lunde Pontiac Korndyke, 11 are heifers. He now has 25 daughters at 2 years, 10 months old, and we have 38 cows and heifers in calf to him and 26 more to be bred. (tf)

125 - Registered Holstein-Friesians - 125

State Fair Grounds, Detroit, Michigan

October 16, 1913

The Michigan Consignment Sale Co.

H. W. NORTON, Jr., Sale Mgr. Howell, Mich.

Catalogs October 1st. Mention the World.

GRANDSONS OF PONTIAC KORNDYKE

All from A. R. O. dams. Write for pedigrees, photographs, and prices, to

HARTWOOD FARMS,

E. K. Magee, Supt. Barrington, Ill.

MILFORD MEADOWS STOCK FARM HOLSTEIN-FRIESIANS

Favill Grove, Lake Mills, Wis.

Breeders of staple cattle from high producing families. Developers under normal conditions. Some surplus usually on hand.

H. B. Faville, Prop. H. W. Faville, Manager.

RIVERSIDE STOCK FARM

Offers a H.-F. bull, born March 25, 1913. Sire—King Hengerveld Segis, whose two nearest dams average 30.47. Dam—Lily Grace Cornucopia, 29.06 lbs. butter in 7 days. Write for pedigree and prices.

A. W. BROWN & SONS,

HAMILTON STOCK FARMS

The only three generations of cows in the world, that have each made over 31½ lbs. butter in 7 days, were bred, raised and developed here.

Bull calves for sale, with more 30-lb. dams in their pedigrees can be found here than in any other herd in the world.

HAMILTON STOCK FARMS, HAMILTON, NEW YORK.

A. A. Hartshorn, Prop., I. U. Scott, Mgr.

Friend Hengerveld DeKol Butter Boy

LEADS ALL OTHER SIRES

The daughters of Friend Hengerveld DeKol Butter Boy occupy first place in four of the A. R. O. and semi-official classes. No other sire has daughters at the head of more than two of these classes so that the daughters of Friend Hengerveld DeKol Butter Boy occupy as many of the first places in the various classes as do the daughters of any other two sires combined. :-: :-:

A Few Choice Bull Calves For Sale

MAPLECREST FARM

DAN DIMMICK & BRO., Proprietors

OFFICE at Kalamazoo, Mich.

Telephone connection between Farms and Office

FARMS at E. Claridon, O.

Kindly address all correspondence to Kalamazoo, Mich.

SPRING FARM KING AGATHA—Our new herd sire

Sire—Spring Farm King Pontiac
Dam—Spring Farm Agatha Pontiac at 3 years, 1 month 30.67 lbs.
Dam's Dam—Agatha Pontiac, at 4½ years (world's record) 36.90 lbs.
Sire's Dam—Tweede White Lady, at 7 years 37.45 lbs.

Average 35.00 lbs.

He is the only sire of the breed whose three nearest dams average 35.00lbs. of butter in 7 days. He is a grand individual, handsome and evenly marked.
Send for pedigree and photo. WATKINS BROS. Camden, New York

BLUE RIDGE STOCK FARM.

FOR SALE—A yearling son of Inka Princess Mutual De Kol. Butter, 33.25 lbs., 114 lbs. milk in one day. Sired by a good son of Hengerveld De Kol. Also a young calf by same dam. He is a grand-son of King Segis and Betta Lyons Netherland. Send for photo and pedigree. W. P. Mayhugh, Elizabeth, Pa.

ONTARIO VALLEY FARMS

Offers a 17-months-old son of King Pontiac Premier 59253, one of the best sons of King of the Pontiac, also bull calves by the same sire. All from A. R. O. dams, and fine individuals. Prices, breeding, etc., on application. (21)

FRANKLIN WOOD, Woodville, N. Y.

GRANDSON OF PONTIAC KORNDYKE FOR SALE

A three-year-old grandson of Pontiac Korndyke, nearly all white and weighs 1700—a bargain. (18)

P. A. NYE,
Supt. Wayne Co. Poor Farm,
Eloese, Mich.

DO YOU WANT A YEARLING BULL

Come and see Colantha Sir Abbekerk 109547. Our last son of Tidy Abbekerk Prince, son of Canadian Champion, A. R. O. 27.29 and from an A. R. O. dam.

GEO. F. BLEWER ESTATE,
Newark Valley, N. Y.
R. R. Station, Flemingville, N. Y.

When in Syracuse, N. Y. try

HOTEL MANHATTAN

Located in the center of the business district. All depot cars pass the door. American plan. "Plain old-fashion house" at reasonable price.

NUGGETS.

Paying investments—such as call for frequent assessments.

Never do any meanness today that you can put off till tomorrow.

For a case of fine diplomacy coupled with good judgment consider Bulgaria.

Can a man who is run over by an automobile be prosecuted for contributory negligence?

Canada ought to commence fortifying her border towns, for when Huerta gets the United States cleaned up he will certainly move on Canada.

SEVEN GOOD ONES FOR SALE

Jessie Maida Una Paul No. 95620 A. R. O. Born Oct. 31, 1906. Bred Mar. 26, 1913.
Eathel Maseppa No. 136616 A. R. O. Born Mar. 24, 1907. Bred Mar. 1, 1913.
Elsie Meibloem No. 136464, A. R. O. Born Mar. 16, 1907. Bred Jan. 6, 1913.
Irmena Pietertje Canary No. 90520, A. R. O. Born Feb. 27, 1906. Bred Dec. 12, 1912.
Queen Ann Pietertje De Kol 3rd, No. 128514, A. R. O. Born Feb. 11, 1909. Bred Feb. 22, 1913.
Queen Ann Pietertje 2nd No. 128515, A. R. O. Born Feb. 15, 1909. Bred Feb. 26, 1913.
Hazel Pietertje Veeman No. 131146. Born Mar. 22, 1909. Bred April 9, 1913.
All bred to Dutchland Sir Hengerveld Korndyke No. 86315, a double grandson of Hengerveld De Kol and Pontiac Korndyke with plenty of 44-pound blood in his veins. (19)

J. R. PARSONS, Earlville, N. Y.

TYPEWRITTEN PEDIGREES

On best quality paper 9½x14 with diagram on back.
No. 1, Outline pedigree 14 ancestors 25c
No. 2, 14 ancestors and Blue Book records (3 for $1) 35c
No. 3, 14 ancestors with records up to date 50c
No. 4, 14 ancestors with Blue Book records (filled in pedigree in two colors) 60c
No. 5, 14 ancestors with records up to date (filled in pedigree in two colors) 75c
Carbon copies 10c each. Blue Book records taken from latest volume. When ordering give name and number of sire and dam of animals not registered and those having numbers above 178946 in cows and 95236 in bulls. For printed samples in minature form and prices on Sale Catalogs. Address, F. G. JOHNSTON, 37 W. Lane Ave., Columbus, Ohio.

Auray Farms

No more bull calves for sale until October.

Then we will offer sons of

Mutual Pietertje Paul and

King Segis Pontiac Clorinda
From choice A. R. O. cows, granddaughters of

King of the Pontiacs

and daughters of
King Segis, King Pontiac Artis, Sir Veeman Hengerveld, Pontiac Burke, De Kol Hengerveld Burke
and other great sires.

Orders booked now

AURAY FARMS

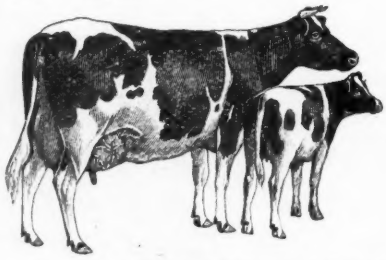
F. M. Avery. I. M. Avery, Mgr.
Sparta, Sussex County, N. J.

Holstein Cows' Milk for Infant Feeding

The growing tendency to place responsibility for ill effects upon the fat of cow's milk rather than on the proteids emphasizes the advisability of using Holstein Cows' Milk for Infant Feeding.

From Bulletin 56 of the U. S. Public Health Service we quote an article on Infant Feeding:

"As we need no longer be deterred by our fears of the indigestibility of cows' milk proteid, in the absence of excessive quantities of fat, or changes due to fermentation, undiluted cows' milk can be given from the beginning of the first month on, provided its content of fat does not exceed 2 to 3 per cent, nor the daily quantity 150 cubic centimeter per kilogram of body weight."



It is this trend of thought that has called attention to the superiority of Holstein Milk for Infant Feeding. Evidence of other specialists will be found in our free literature. Send for it.

HOLSTEIN-FRIESIAN ASSOCIATION

Box 182, Brattleboro, Vt.

Official Records of Holstein-Friesian Cows

From May 2nd to May 23rd, 1913.

Two Hundred and Fifty-five Cows.

Name of Cow and Owner.	Age y. m. d.	Days from Calving	Cons'tive Days	Milk lbs	Average % fat	Butterfat lbs.
(Continued from Aug. 16th Issue.)						
Junior Two-Year Class.						
King Segis De Kol Korndyke Topsy 146246, Quentin McAdam....	2 3 14	8	7	320.3	3.81	12.193
	2 3 14	8	30	1421.0	3.50	49.772
College Belle Wayne 2d 143817, So. Dak. State College	2 2 29	25	7	418.2	2.89	12.076
	2 2 29	7	30	1716.7	2.92	50.050
Morsefield Wadmantje Queen 154525, Fred E. Wells	2 2 24	15	7	411.8	2.87	11.828
	2 2 24	8	14	786.8	2.91	22.935
Vinita Choice Segis 173205, E. L. Hotchkiss	2 1 6	6	7	308.9	3.76	11.613
Lady Frenesta Hengerveld 170715, J. S. Jerome & Son	2 2 24	26	7	348.3	3.33	11.581
Wisconsin Star 4th 170076, Ed. M. Schultz	2 2 13	16	7	337.2	3.42	11.542
North Star Barbetta 167427, J. F. Denham	2 4 6	16	7	337.8	3.40	11.492
Sadie Westview De Spofford 3d 156996, S. R. Clark	2 5 14	23	7	310.9	3.66	11.382
Vinita Clara Segis 173204, F. L. Hotchkiss	2 1 7	14	7	304.5	3.73	11.369
Piebe Colantha Burke 162943, Geo. J. C. Copestake	2 5 15	9	7	310.3	3.66	11.349
Lilly Midwould De Kol 3rd 160214, Arthur L. Miller	2 1 4	18	7	338.4	3.34	11.296
Trilby De Kol Ormsby 2d 161783, J. P. Maxwell	2 5 15	33	7	317.5	3.53	11.217
Gelsche Walker Dummerston 160213, Arthur L. Miller	1 11 17	19	7	349.5	3.21	11.206
Sadie Vale Pontiac 2d 152077, James N. Jarvie	2 1 1	16	7	331.9	3.37	11.190
Keasarge Lady Wayne Pontiac 171463, Henry G. Beyer, Jr.....	2 3 8	36	7	367.7	3.02	11.113
Daisy Victoria De Kol 2d 164683, E. E. Clarke	2 4 23	9	7	373.8	2.96	11.079
Maple Ledge Pyrene Korndyke 160529, J. H. Mead & Son.....	2 0 8	12	7	328.4	3.37	11.078
Bessie Withroon Korndyke 148767, J. H. Mead & Son	2 3 27	11	7	352.9	3.10	10.955
Poland Pride Mutual Clothilde 164681, Kan. State Agr. Col.....	2 3 12	13	7	331.2	3.22	10.649
Lunde Belle Jewel 3d 164198, W. A. Hamilton	1 11 26	168	7	311.4	3.41	10.614
Vinita Carrie Segis 173206, E. L. Hotchkiss	2 1 12	6	7	308.6	3.41	10.535
Madam Portage Koningen 163022, D. F. Burgess	2 3 23	32	7	328.9	3.18	10.459
Madge Abbekerk Ormsby 176540, Est. Geo. F. Blewer	1 11 23	16	7	303.6	3.43	10.420
	1 11 23	12	14	602.3	3.37	20.290
Lothian Queen Korndyke Pietertje 156145, Alexander Watt.....	2 0 2	28	7	342.1	3.04	10.416
Pietertje Grindetia Hengerveld 164674, N. V. Lasher	2 2 29	14	7	285.2	3.64	10.386
Hazelwood Inka Hartog 150770, Hazlewood Hol. Farms	2 1 27	16	7	478.9	2.15	10.283
Nina De Kol Korndyke 200604, A. V. Case	2 1 6	13	7	326.3	3.10	10.116
Vernon Raphaella Johanna 162973, James N. Jarvie	2 5 17	12	7	279.1	3.59	10.017
Segis Clothilde Ormsby 177290, J. P. Maxwell	1 10 5	62	7	290.3	3.44	9.998
Lady Belle De Kol Clothilde 155073, John M. Tobin	2 2 22	9	7	341.1	2.93	9.989
Ontario Pauline Beets 141928, C. S. Lunt	2 4 27	35	7	260.1	3.84	9.976
	2 4 27	17	30	1068.4	3.83	40.927
Clintonia Fayne Mechthilde 174941, Claire Cobb	1 11 15	24	7	257.4	3.86	9.935
Willow Ridge Prilly Clothilde 173357, F. L. Stone	2 0 2	24	7	313.3	3.16	9.901
	2 0 2	14	30	1323.2	3.06	40.486
Vestal Queen De Kol 2d 152180, J. W. Vaughan	2 2 16	7	7	259.4	3.78	9.808
Netherland Pietertje Spofford 2d 173514, C. H. Parker	2 0 13	6	7	286.7	3.42	9.797
Beatrice Serida 2d 162423, J. H. Mead & Son	2 1 1	16	7	297.5	3.27	9.730
Aaggie Beets of Burlington 5th 156986, James N. Jarvie	2 1 2	12	7	309.9	3.14	9.723
Princess Lockhart 162023, John H. Tullis	2 4 24	13	7	274.5	3.49	9.574
Jane Washburn Korndyke 158587, J. H. Mead & Son	2 0 24	9	7	286.4	3.32	9.510
Lady Pauline Wayne 163547, D. F. Burgess	2 3 6	38	7	292.5	3.24	9.472
Harmonie Segis Cronje 169847, Dunham Bros.	1 10 26	14	7	311.7	3.01	9.384
Carrie Spofford 182514, B. C. Buxton	2 2 21	20	7	254.4	3.65	9.286
Mollie Butter Boy Almont 156067, A. C. McCardell	2 2 13	48	7	276.1	3.33	9.205
Justamere Pauline Ononis 156771, B. C. Buxton	2 3 8	10	7	265.2	3.40	9.019
Aaggie Midwould Pietertje 156332, Arthur L. Miller	2 3 3	160	7	274.0	3.28	8.977
Jeltje Pietertje Ormsby 3d 177785, O. W. Wolfe	1 11 18	15	7	311.3	2.85	8.885
K. H. S. Segis Pontiac 172464, James N. Jarvie	1 11 24	19	7	258.4	3.26	8.418
Rose Perfection 171851, J. S. Jerome & Son	2 0 16	31	7	245.3	3.35	8.223
Otsego Jetta Alban De Kol 166972, James N. Jarvie	2 3 16	11	7	247.3	3.18	7.867
De Kol Tula Pontiac 191589, R. E. Haeger	2 0 29	14	7	295.5	2.65	7.843
Woodcrest De Kol Mary 2d 172469, James N. Jarvie	2 0 23	12	7	267.1	2.90	7.759
Bell Flour De Kol Posch 2d 192534, Harry R. Clark	1 11 0	19	7	240.3	3.21	7.723
Avonia Queen Segis 204341, E. L. Hotchkiss	2 2 29	45	7	216.0	3.57	7.720
Minnie De Kol 6th 172468, James N. Jarvie	2 0 21	12	7	228.0	3.34	7.626

Delavan, Wis., July 18, 1913. MALCOLM H. GARDNER, Supt. of Advanced Registry.

From May 24th to June 12th, 1913.

Two hundred and sixty-one cows.

Full Aged Class.						
Lady Oak Fobes De Kol 104269, Univ. of Minnesota	6 0 11	7	7	623.0	4.68	29.155
Pomona Aaggie Queen 107321, James M. Anderson	5 8 3	12	7	596.0	4.42	26.336
Tiny Fairmont Hartog Pauline 102398, E. W. Slaughter.....	5 4 29	29	7	678.6	3.79	25.727
	5 4 29	10	30	2739.6	3.71	101.514
Janie Rue De Kol 139887, James M. Anderson	5 7 29	9	7	549.4	4.49	24.677
Lady Victoria Hengerveld Burke 90619, E. W. Slaughter	7 0 10	16	7	579.6	4.08	23.624

Huntress Queen 108707, W. B. Jones	5	3	27	13	7	593.9	3.95	23.430
	5	3	27	10	21	1711.7	3.85	65.838
Madison Jennie 100698, Christopher Graham	8	0	0	9	60	5418.0	3.39	183.848
(7 and 30-day records previously reported.)								
Lady Bonheur Lilly Ann 131618, David Munroe	5	0	5	6	30	2202.5	4.32	95.243
(7-day record previously reported.)								
Lady Noble De Kol 79340, James M. Anderson	8	3	2	23	7	497.4	4.56	22.689
	8	3	2	16	14	979.1	4.62	45.209
Lady Copia De Kol 103745, Davis & Adams	5	10	15	10	7	509.4	4.44	22.613
	5	10	15	11	30	2481.3	3.77	93.539
	5	10	15	7	60	5062.6	3.58	181.297
Dichter Vadora Mercedes 143622, James M. Anderson	6	5	8	9	7	471.6	4.77	22.509
De Kol Hubbard Pietertje 94136, Conn. Agri. College	6	9	20	26	7	611.4	3.58	21.913
	6	9	20	25	30	2555.8	3.39	86.679
Paula De Kol Oatka 85125, O. L. Wilkinson	8	0	2	40	7	575.6	3.77	21.676
	8	0	2	24	30	2437.2	3.77	91.790
Korndyke Ethel 105591, Isaac Dalrymple	5	10	11	11	7	523.2	4.07	21.270
Ideal Beauty De Kol 3d 67588, Joseph H. Ellis	10	1	5	54	7	698.2	3.02	21.074
Elcey Ondine 99977, Christopher Graham	6	2	8	7	7	575.1	3.64	20.914
	6	2	8	6	30	2403.9	3.49	83.922
Waconda Clothilde Artis 124728, G. A. Abbott	5	7	9	8	7	509.6	4.05	20.645
Oatka Spofford 131405, Alfred University	5	1	26	16	7	539.8	3.77	20.338
	5	1	26	11	14	1032.1	3.80	39.264
Pietertje Clothilde Johanna De Kol 2d 103912, Harrington Sisters	8	1	20	11	7	492.4	4.03	19.834
Pearl Maceo 121650, John Arfmann	5	8	6	25	7	559.6	3.52	19.713
Caroline Johanna Piebe 177685, William Menning	5	6	28	9	7	498.6	3.87	19.304
Ethel of Riverside 93923, A. W. Morris & Sons Cor.	6	4	15	9	7	456.2	4.13	18.859
Magnet Mercedes De Kol Star 98804, E. B. Watrous	6	5	7	9	7	533.7	3.53	18.824
Campbell De Kol 106782, J. M. Risley	5	9	28	6	7	444.6	4.21	18.738
Lipkje Prize 2nd's Lilith 85981, F. F. Resseguie	7	6	7	12	7	572.7	3.27	18.732
Black Princess Ormsby 93238, C. H. Chase	7	1	7	10	7	515.7	3.55	18.332
Vikina Johanna 64385, Alfred University	10	2	4	6	7	453.2	4.04	18.293
Mona Veeman Pauline 98695, G. A. Abbott	6	0	3	27	7	452.7	4.04	18.282
Sadie Frisby Homestead 89112, S. B. Jones & Son	6	9	25	11	7	594.8	3.07	18.252
De Kol Clothilde Wilhelmina 58077, Joseph H. Ellis	12	1	14	43	7	542.9	3.35	18.172
Elnora Wanita 74275, O. L. Wilkinson	9	0	6	55	7	536.3	3.34	17.888
Norma Mercedes De Kol Pauline 84408, W. B. Davaney	7	6	24	8	7	575.8	3.10	17.857
Princess Colantha Jewel 3rd 124230, John Erickson	5	5	10	12	7	383.0	4.65	17.810
Aaggie Beauty Artis Cornucopia 116618, William Bishop	5	0	24	10	7	648.7	2.74	17.792
Belle Oak De Kol 139287, R. E. Haeger	5	5	13	24	7	662.1	2.68	17.720
Netherland De Kol Coriander 109232, Elmer A. Forbush	7	2	21	15	7	436.4	3.99	17.428
Dyanza Gerben Carlotta 100428, Christopher Graham	6	1	15	36	7	533.5	3.19	17.038
	6	1	15	20	30	2258.4	3.02	68.266
Lady Pell De Kol 2nd 96672, B. B. Davis	6	0	8	6	7	362.1	4.65	16.824
Star Farm A. & G. Pietertje 102966, M. C. Johnston	5	2	25	15	7	517.2	3.24	16.739
Butter Boy De Kol Mechthilde 84111, E. A. Powell	7	10	26	13	7	442.7	3.77	16.708
Alta of Maple Hill 98059, Clark & More	5	11	25	6	7	478.7	3.48	16.671
De Kol Butter Boy Ormsby Lady 76530, W. M. Backus	9	0	12	22	7	470.0	3.54	16.638
Belle Homestead De Kol 2nd 107112, Christopher Graham	5	10	6	6	7	450.3	3.66	16.559
Rosa Mercedes Bonheur 84616, Fred Bachman	7	3	20	10	7	511.7	3.24	16.558
Paul Veeman's Lassie 2nd 78400, Barber Brothers	8	1	17	17	7	496.8	3.27	16.246
Clothilde Haizum De Kol 67298, W. C. Mason	9	11	0	32	7	420.4	3.81	16.002
Hartog Mechthilde Cornucopia 90247, M. T. Carrigan	7	3	4	7	7	479.9	3.30	15.821
Magnet Mercedes De Kol Pietertje 110068, E. B. Watrous	5	4	29	25	7	531.2	2.97	15.773
Daisy Nudine Cornucopia 94371, L. H. Button	6	1	29	26	7	496.3	3.15	15.644
Catrina 7th's Inka 3rd 59760, C. H. Chase	11	11	16	40	7	477.7	3.27	15.635
Inka Mercedes Canary 78234, Thomas M. Anderson	8	3	23	18	7	433.2	3.60	15.613
Mildred Pietertje Clothilde 96206, L. E. Connell	6	4	1	126	7	438.9	3.52	15.430
Bessie De Kol Pet 96113, Allamuchy Farms	5	11	29	6	7	359.2	4.29	15.416
Leda Hartog Inka 3rd 83005, William Bishop	9	4	18	6	7	472.4	3.21	15.181
Deborah B. 2nd 92475, Allamuchy Farms	6	7	2	17	7	403.0	3.73	15.028
Wayne Tennessee Pietertje 143290, A. B. Miles	5	1	1	22	7	489.8	3.04	14.890
Princess Pauline Beauty 110804, Merci Ranch	5	3	14	29	7	419.1	3.53	14.814
Netherland Pietertje De Kol 3rd 73924, R. E. Coe	8	6	19	6	7	397.4	3.67	14.603
Hengerveld Alice Pietertje 97517, Dudley P. Rogers	5	7	3	59	7	444.3	3.28	14.588
Lulu De Kol Butter Girl 92018, Hawthorne Farms Co.	7	2	6	11	7	414.6	3.50	14.495
Lydia Beauty 2nd 91460, F. D. Cutler	7	3	5	14	7	463.3	3.12	14.470
Jewel Aaggie Pietertje Lincoln 78276, W. C. Mason	7	11	4	60	7	405.4	3.56	14.412
Dora Zilly De Kol 94884, M. C. Johnston	8	7	29	15	7	524.1	2.72	14.278
Staunch Jewel Aaggie Pietertje 175567, W. C. Mason	5	8	22	63	7	387.5	3.67	14.219
Nathalie De Kol La Polka 97976, Woodcock Brothers	6	4	22	39	7	428.6	3.29	14.111
Clothilde Haizum De Kol 2nd 118389, W. C. Mason	5	11	24	17	7	400.6	3.51	14.072
Canary Stienstra Vale De Kol 112248, Pontiac State Hosp.	5	3	5	33	7	434.3	3.24	14.071
Polly Gem of Nearwood 114707, G. G. Burlingame	5	1	18	11	7	453.4	3.10	14.063
Linnie Kuinert Mechthilde 85020, George T. Turner	7	5	0	20	7	440.9	3.17	13.979
Lily Hillview Pauline 139529, Hawthorne Farms Co.	6	2	28	9	7	384.8	3.61	13.910
Susanna Gloss Rixon Wayne 112871, F. C. & K. A. Overton	5	1	23	23	7	446.0	3.10	13.837
Shelbark Daisy 114252, Virginia Experiment Station	7	10	20	21	7	268.1	5.13	13.756
Hengerveld Duchess Aro De Kol 86207, A. G. Doren	7	2	20	18	7	415.9	3.27	13.600
Maple View Topsy 2nd 110156, Emblagaard Dairy	5	1	14	8	7	481.5	2.77	13.361
Johanna Aaggie Pledge 90444, O. E. Messinger	6	11	10	15	7	358.3	3.70	13.248
Gem Concordia 84192, M. C. Johnston	7	5	5	53	7	493.3	2.53	12.491
Ramoua Queen 57890, Claire J. Tabor	12	0	6	10	7	373.2	4.11	12.309
Violet Wayne Skylark 89705, Est. M. E. Moore	6	5	8	22	7	425.0	2.85	12.105
Lies Clothilde Mercedes De Kol 90117, C. L. Banks .....ks....	6	8	22	71	7	340.9	3.52	12.006

Senior Four-Year Class.							
Plattekill Pietertje Cornucopia 120814, James M. Anderson	4 6 14	23	7	585.4	4.43	25.946
	4 6 14	15	14	1110.9	4.34	48.251
Frances Korndyke Harlingen 108800, James M. Anderson	4 8 2	29	7	509.2	4.62	23.528
	4 8 2	24	14	1012.6	4.59	46.457
Green Plain Cora Veeman 118344, Harry Yates	4 9 24	11	7	559.9	3.79	21.198
	4 9 24	7	14	1083.1	3.84	41.605
Scottdale Pauline De Kol 120387, Harry L. Benedict	4 8 4	25	7	465.0	4.23	19.658
Grace Fayne 2nd's Girl 2nd Fobes 114166, S. B. Jones & Son	4 6 16	6	7	500.2	3.84	19.207
Marie de Haan De Kol Korndyke 123699, G. R. & E. V. Brown	4 6 16	10	7	492.3	3.53	17.363
Pietertje Pauline De Kol Colantha 2nd 123256, G. W. Blanchard	4 7 0	23	7	528.4	3.18	16.802
Lady Pauline Perfection De Kol 122088, Harry Yates	4 6 14	6	7	407.9	4.10	16.742
Dowager Queen 2nd Girl 126684, Fred Pabst	4 8 5	20	7	477.9	3.38	16.141
FloaLily De Kol Beets 118054, Barber Brothers	4 10 7	39	7	423.2	3.44	14.570
Nada Abbekerk 117229, Hawthorne Farms Co.	4 7 9	15	7	373.0	3.89	14.517
Shadeland Lilith 2nd 121509, A. T. Blount	4 8 2	18	7	367.3	3.95	14.498
Grace Merdu 118479, W. C. Mason	4 10 17	34	7	390.8	3.62	14.157
Junior Four-Year Class.						
Pontus Aaggie Cornucopia 123289, James M. Anderson	4 5 17	12	7	489.2	4.61	22.563
Pauline Paul Wayne Sadie 2nd 122671, James M. Anderson	4 1 14	26	7	495.7	4.55	22.533
	4 1 14	20	14	963.1	4.60	44.287
Korndyke Senora Princess 125136, George R. Blount	4 3 28	21	7	442.0	4.53	20.016
Segis Pontiac Princess 123426, F. L. Freeborn	4 2 12	6	7	455.9	4.25	19.391
Clear View Helena Spofford 116055, Allamuchy Farms	4 0 9	39	7	456.1	4.07	18.567
Lady Longfield 4th Homestead Girl 129522, S. B. Jones & Son	4 0 26	9	7	493.0	3.59	17.695
Hamilton Queen 126056, A. A. Hartshorn	4 1 29	8	7	471.5	3.58	16.874
Darkness Pontiac Girl 112661, F. C. & K. A. Overton	4 4 19	8	7	452.9	3.54	16.030
Aaggie Cornucopia Marie De Kol 136608, William Bishop	4 2 20	24	7	477.4	3.06	14.590
Traverse Asylum Kaastra 128897, Traverse City State Hos.	4 2 24	8	7	303.1	4.78	14.484
Full View Pontiac Grace 124992, W. M. Backus	4 4 21	39	7	442.8	3.17	14.051
Black Johanna Beauty 116502, Allamuchy Farms	4 4 16	6	7	396.9	3.53	14.010
Minnie Johanna De Kol 2nd 119416, Merci Ranch	4 0 25	35	7	395.8	3.31	13.120
Topsy Canary 123352, M. J. Wyeth	4 2 28	9	7	371.2	3.32	12.331
Johanna Lilly 129867, George Lenhert	4 1 24	16	7	376.2	3.21	12.075
Belle Bright 121258, Hawthorne Farms Co.	4 0 4	16	7	309.4	3.77	11.659
Aaggie Clothilde De Kol Queen 141891, Woodcock Bros.	4 1 4	43	7	359.0	3.19	11.466
Hazel Huntress 2nd 121617, Tennessee Eperiment Station	4 0 13	7	7	311.2	3.62	11.280
Senior Three-Year Class.						
Wera Bell Korndyke 152345, F. L. Freeborn	3 10 22	16	7	545.4	3.89	21.235
Lipkje Jewel De Kol 130727, Harrington Sisters	3 6 1	8	7	430.6	4.15	17.874
Countess Julip Johanna 127660, H. C. Davis	3 11 6	10	7	438.8	4.03	17.679
Blanche Frisby 2nd 129517, S. B. Jones & Son	3 11 25	22	7	574.0	2.94	16.863
	3 11 25	10	30	2378.5	2.90	68.973
Pontiac Catrina 121544, Pontiac State Hospital	3 11 27	30	7	383.5	4.30	16.498
Nudine Walker 131757, Emblagaard Dairy	3 6 26	6	7	506.2	3.24	16.395
Hawthorne Belle 137118, Hawthorne Farms Co.	3 10 0	9	7	437.1	3.56	15.563
Sylva Ladoga Pauline 132746, Harrington Sisters	3 10 25	26	7	449.7	3.15	14.168
Belle Bawn Clothilde De Kol 138168, F. D. Cutler	3 8 18	24	7	410.4	3.42	14.042
Grace Beets Homewood 130264, W. C. Jewell	3 10 17	33	7	409.6	3.27	13.379
Hartog Aaggie Clothilde 2nd Lass 137689, Bernhard Meyer	3 8 7	9	7	452.0	2.71	12.233
Grendola Koningen Johanna 136321, Tully Farms	3 11 8	19	7	300.7	3.53	10.603
Junior Three-Year Class.						
Woodcrest Homestead Princess 2nd 157763, J. M. Anderson	3 2 11	28	7	537.1	4.59	24.653
	3 2 11	27	14	1052.6	4.59	48.363
Parthenea Jewel 3rd 133874, H. C. Davis	3 5 23	7	7	411.7	4.77	19.619
Idlewild Bryonia Korndyke De Kol 139027, T. J. Blanchard	3 1 18	7	7	564.7	3.38	19.084
Prospect Queen Johanna De Kol 141664, Bernhard Meyer	3 4 26	12	7	570.3	3.24	18.495
Netherland Dorris Jewel 145011, Tranquility Farms	3 3 10	6	7	420.0	4.27	17.934
Elnoradale Izetta 145505, O. L. Wilkinson	3 1 17	19	7	494.1	3.44	17.018
Sylva Beauty Pietertje Hartog 150542, Harrington Sisters	3 0 20	6	7	359.8	4.64	16.708
Doris May Segis 146261, Davis & Adams	3 3 12	6	7	446.3	3.62	16.169
Queen Blanche Walker 136687, S. P. Williams	3 2 28	25	7	510.1	3.16	16.119
Duchess Nannett 155508, Davis & Adams	3 2 4	27	7	427.3	3.70	15.830
	3 2 4	24	30	1832.1	3.56	65.154
Pauline Soldene Johanna 149425, G. A. Abbott	3 1 1	6	7	417.1	3.74	15.618
Aaggie Bryonia 2nd 142209, Frank Buzard	3 5 15	8	7	435.1	3.53	15.379
Johanna De Kol Maplecroft 144981, Harry Yates	3 2 11	6	7	327.6	4.63	15.162
Pauline De Kol Pledge 149424, G. A. Abbott	3 1 4	13	7	428.9	3.49	14.981
Karel Friesland De Kol Hengerveld 147439, M .T. Bartlett	3 0 26	20	7	423.5	3.44	14.568
Piersma Mercedes Princess 167334, J. M. Risley	3 4 15	9	7	398.4	3.64	14.491
Jessie Fobes Burke Homestead 145949, S. B. Jones & Son	3 1 12	7	7	389.7	3.71	14.456
Bellemore Mona 153148, G. A. Abbott	3 0 1	13	7	378.8	3.70	14.012
Princess Maid Mutual 134388, Tully Farms	3 5 19	13	7	384.0	3.62	13.899
Matilda Pietertje Rauwerd 148439, Charles D. Andrews	3 2 4	21	7	335.8	4.05	13.593
Homewood De Vries Beets 144295, W. C. Jewell	3 1 24	11	7	422.2	3.21	13.545
Moonie Sadie Vale 155458, R. M. Alpin	3 0 9	8	7	400.7	3.34	13.367
Tress of Homewood 144294, W. C. Jewell	3 1 24	13	7	393.6	3.38	13.300
Grace Oswald Cornucopia 138360, William Bishop	3 2 25	11	7	384.6	3.37	12.978
Baroness Zethus De Kol 135416, Dudley P. Rogers	3 0 14	10	7	336.5	3.83	12.879
De Kol Hengerveld Model 145046, J. T. Williams	3 0 7	6	7	326.2	3.90	12.735
Sita De Kol Pietertje 2nd 151996, F. S. Stimson	3 1 0	6	7	341.6	3.72	12.709
Bess Elliston Lady 130452, Tully Farms	3 1 11	33	7	431.0	2.93	12.637
Beryl Hengerveld Pontiac 150381, Hawthorne Farms Co.	3 1 20	14	7	359.0	3.39	12.184
Princess Alma Coin Hengerveld 168585, G. G. Burlingame	3 1 29	15	7	321.8	3.69	11.874
Orrville Hengerveld Korndyke 134164, Jacob Baumgartner	3 2 11	24	7	390.8	3.01	11.772
Precious Gem Struble 2nd 136717, M. T. Carrigan	3 1 1	10	7	391.9	2.99	11.729

LOCUST GROVE

offers a 6 months old son of **King Pontiac Jewel**, whose first three daughters to freshen at Locust Grove are Locust Grove Jewel, 2 yr., 5 mo., 27 days, 19.14 lbs.; Locust Grove Hartog Jewel, 2 yr., 1 mo., 24 days, 15.816 lbs.; Pauline Pontiac Jewel, 2 yr., 3 mo., 4 days, 21.031 lbs. butter, 7 days. Calf has a very heavy body, broad back, good hip, carries out well to root of tail. Dam has 16.64 lbs. record. Price $75. Photo is desired.

C. H. CHASE, Burlington Flats, N. Y.

COUNTRY LIFE FARM

OFFERS BULL CALF

Four months old that is large, straight, and about evenly marked. Sire is Artis De Kol Walker 2nd, whose dam, Buttercup Clothilde Pieteterje, has an A. R. O. record for 7 days of 32.91 lbs. butter and a 30 day record of nearly 130 lbs. She is the only cow of the breed with a 30 lb. record that is the dam of a 30 lb. cow who in turn has produced a 30 lb. daughter; three generations of 30 lb. cows. Dam is Annie Mooney De Kol with an A. R. O. record for 7 days of 25.5. She is a fine, large cow of wonderful capacity and will surely make 30 lbs., barring accidents. The two nearest dams of this calf average for 7 days, 29.205 lbs. butter, and I will sell him registered, transferred, crated and f. o. b. the cars for $200.

HARRY D. WHEELER, West Winfield, N. Y.

A BROTHER TO THE $2,000 CALF

Bull Calf born January 11, 1913. Fine individual, evenly marked, well grown. Sire, King Korndyke Sadie Vale. The record of his three nearest dams (including the 3 yr. old record of his dam), average: Butter 7 days, 32.80, 30 days, 126.99. His individuality makes him one of the finest representatives of the breed.

A son of his sold in the April sale for $2,000 Dam—Nannette De Kol Ormsby. A. R. O. record at 1 yr. 9 mo. 27 dy.s:

Butter, 7 days ..... 16.48 14 days 32.23
Milk, 7 days .....375.90 14 days 733.40

A promising heifer that I expect will make a large record at maturity.

W. D. ROBENS

Poland New York

MARBLE VALLEY STOCK FARM

Offers Bull calf born April 5th, Sire—**FAIRVIEW KORNDYKE LAD**, dam, Pontiac Pet 37.68. Dam of calf Beauty Lady Withoorn De Kol. This calf is four-fifths white and a fine individual. For pedigree and price write,

J. H. MEAD & SON, West Rutland, Vt.

"THE ASYLUM HERD"

Offers for sale Pontiac Hendrick Burke No. 91956, sire, Pontiac Burke No. 33979; dam, Pontiac Sylph No. 128229, who was a granddaughter of Pontiac Korndyke and Hengerveld De Kol. Send for extended pedigree and price to

PONTIAC STATE HOSPITAL Pontiac, Michigan

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150 - HOLSTEIN-FRIESIANS AT AUCTION - 150

At Gustavus, Trumbull Co., Ohio, Tuesday, Sept. 30th, 1913, beginning at 10 a.m. Consisting in part of 100 head Registered Cows and Heifers, 20 head being granddaughters of the King of the Pontiacs, 6 of which are bred to a grandson of Pontiac Korndyke. 20 cows and heifers are in calf to King Pontiac Ormsby No. 53672, a son of the King of the Pontiacs, which now stands at the head of our herd. 60 head of heavy producing young cows, heifers and heifer calves, bred along lines that produce results. 50 choicely bred young Holstein-Friesian grade cows, fresh or near by springers. Gustavus is reached by Youngstown branch of L. S. & M. S. Ry. Stop at Kinsman. Free hack will meet you there. Train 215 leaves Ashtabula, O., 7:05 a. m. Train 240 leaces Youngstown 7:45 a. m.

Catalogues on request.

P. O. Farmdale, O. B. E. TOTTEN, Gustavus, O.

SPRINGVALE STOCK FARM
HOME OF THE JOHANNAS.

The only bull calf that is left on hand was dropped April 4, 1913. He was sired by Colantha Johanna and out of a 27-lb. Jr. 4-year-old dam. Attractive color and conformation.

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King Korndyke Hengerveld Veeman, No. 91860

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If you wish very choice, highly bred bulls of the Pontiac Korndyke, King of the Pontiacs, King Segis, Hen-gerveld De Kol or Model Family, of the most fashionable markings and beautiful form, of choice breeding in every line, I am prepared to fill your order.

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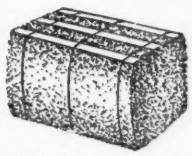

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Herd headed by
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Sire—Pontiac Korndyke. Dam—Fairview Rag Apple Korndyke.

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44.152 in 7 days. 171.49 in 30 days.

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308.877 in 60 days. Still in test for 90 days.

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My bull calves and bulls are all sold. No more calves until the last of July.

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This beginning covers scarcely four months.

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